



## Features

- Compact
- Sealed
- Long life
- Infinite resolution
- Free shaft rotation
- AC or DC
- Shaft options available
- Flexible wire leads
- Economical
- RoHS compliant\*

## 3046 Linear Motion Potentiometer

### Specifications†

Standard Electrical Travel	0.15, 0.25, 0.35 in. (3.81, 6.35, 8.89 mm)
Standard Resistances	1K to 50K ohms (±20 %)
Independent Linearity	±5 %
Resolution	Infinite
Power Rating @ 70 °C (158 °F)	0.125 watt
Operating Temperature Range	-55 °C to +125 °C
Temperature Coefficient	1000 PPM/°C
Insulation Resistance	50 megohms @ 500 VDC
Backlash	Negligible
Shaft Actuating Force	2N max. @ 21 °C
Life	500,000 cycles
Shock	50 G for 7ms
Vibration	20 G, 10-2K Hz
Marking	Manufacturer's trademark, resistance code, wiring diagram, date code, manufacturer's model number and style

Specifications are typical. Contact factory for special requirements.  
 † Specifications applicable from 5 % to 95 % of electrical travel.

### How to Order

**3046 L - 2 - 502**

Model	_____
Style	_____
Range (Travel)	_____
1 = 0.15" (3.81 mm)	
2 = 0.25" (6.35 mm)	
3 = 0.35" (8.89 mm)	
Resistance Value	_____

### Standard Resistance Table

Resistance (Ohms)	Resistance Code
1,000	102
2,500	252
5,000	502
10,000	103
20,000	203
50,000	503

### Product Dimensions

